

Further in this regard, prior to the examination of the claims of this application, please amend Claims 1-6, as follows:

- Sub B7
1. (Amended) An image pickup apparatus comprising:
- an image pickup device adapted to pick up an image of an object to output an image signal;
  - an image processing device adapted to process the image signal to generate first-resolution image data and second-resolution image data having a resolution which is not higher than that of the first-resolution image data;
  - a storage control device adapted to store, in a memory, the first- and second-resolution image data of a plurality of frames which are obtained by processing the image signals;
  - a display control device adapted to display the second-resolution image data of the plurality of frames stored in said memory on a display screen;
  - a compression encoding device adapted to compress and encode, at a predetermined compression ratio, the first-resolution image data of the plurality of frames stored in said memory;
  - wherein said storage control device stores the compressed and encoded image data of the plurality of frames in said memory, and outputs a compressed and encoded image data of a desired frame from the compressed and encoded image data of the plurality of frames stored in said memory in response to selecting the desired frame.
2. (Amended) An apparatus according to claim 1, wherein said storage device stores the selected image data in a non-volatile memory.
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3. (Amended) An apparatus according to claim 1, further comprising a transmission device adapted to the selected image data.

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and  
4. (Amended) An apparatus according to claim 1, wherein said display control device extracts image data corresponding to the selected image selected from the compressed and encoded image data of the plurality of frames stored in said memory and enlarges and displays the extracted image data on said display screen.

5. (Amended) An apparatus according to claim 1, wherein said compression encoding device compresses and encodes the selected image data at a compression ratio different from the predetermined compression ratio and stores the compressed and encoded image data in said memory.

6. (Amended) An apparatus according to claim 1, wherein said image processing device processes the image signal obtained from said image pickup device to generate middle-resolution image data, and said display control device displays the stored middle-resolution image data on said display screen.

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